

ATGAGGTCGCTTTTGTGGGCTTCGTTGCTTTTCGGGCGTGTGGCTGGGAGGGCGCTGTGTTTCGCCGGATGAGTTCGCCGAGGATATTCAG 90
M R S L L W A S L L S G V L A G R A L V S P D E F P E D I Q
 TTGGAAGATCTGCTGGAAGGATCCCAACAGCTTGAGGACTTCGCCCTAIGCCTACCCCGAGCGCAATCGCGTCTTTTGGTGGTAAAGCCAC 180
L E D L L E G S Q Q L E D F A Y A Y P E R N R V F G G K A H
 GAGGACACGGTTAACTATCTACGAGGAGCTGAAGAAGACTGGCTACTATGATGCTCTACAAGCAGCCTCAGGTGCAGGTGTGGAGCAAT 270
 D D T V N Y L Y E E L K K T G Y Y D V Y K Q P Q V H L W S N
 GCCGACCAGACGCTCAAGGTGGGCGATGAGGAAATCGAGGGGAAGACCATGACCTACAGTCCCGAGCGTCGAGGTACCCGCCGATGTAGCC 360
 A D D T L K V G D E E I E A K T M T Y S P S V E V T A D V A
 GTCGTCGAAGAACCTGGGATGCAGGCGGGGATTACCCATCCGATGTGAGGGCAAGCTCGCCCTGATCAAGCGTGGAGAATGCCCGTTC 450
V V K N L G C S E A D Y P S D V E G K V A L I K R G E C P F
 GCGGACAAGTCGGTTCTCGCTGCCAAAGCCAAAGCGCGGCTTCGATTGCTATAACAATGTGGCCGGATCCATGGCGGGCACCCCTTGGC 540
 G D K S V L A A K A K A A S I V Y N N V A G S M A G T L G
 GCGGCGCAGAGTGAAGGACCGTATTCGGCCATTGTCGGTATCAGCTTGGAGGATGGCCAGAAGCTGATCAAGCTTGCTGAGGCTGGA 630
 A A Q S D K G P Y S A I V G I S L E D G Q K L I K L A E A G
 TCGGTATCTGTGGATCTGTGGGTGGATAGTAAGCAGGAGAACCGTACGACGTATAACGTTGTGCGCAGACGAAGGCGCGCATCCGAAC 720
 S V S V D L W V D S K Q E N R T T Y N V V A Q T K G G D P N
 AACGTCGTCGCGCTGGGTGCCACACGGACTCAGTCGAGGGGGCCCTGGTATCAACGACGATGGCTCGGGCATTATTAGCAACTTGGTC 810
 N V V A L G G H T D S V E A G P G I N D D G S G I I S N L V

FIG.1A

ATTGCCAAAGCGCTCACGCAGTACTCCGTCAAGAATGCCGTGCGCTTCCTCTCTGGACAGCAGAGGAGTTCGGTCTGCTGGGCAGCAAC 900
 I A K A L T Q Y S V K N A V R F L F W T A E E F G L L G S N

 TACTACGCTCTCCCATCTGAATGCCACCGAGCTGAACAAGATCCGACTGTACCTGAACTTCGACATGATCGCCTCACCTAACTACGCCCTC 990
 Y Y V S H L N A T E L N K I R L Y L N F D M I A S P N Y A L

 ATGATCTATGACGGTGATGGATCGGCGTTCAACCAGAGCGGACCGCGGTTCCGCCCAGATCGAGAAACTGTTTCGAGGACTACTACGAC 1080
 M I Y D G D G S A F N Q S G P A G S A Q I E K L F E D Y Y D

 TCCATCGACCTGCCTCATATCCCCACCCAGTTTGACGGACGTTCCGACTACGAGGCCTTTATCCTGAACGGCATTCGCTCCGGTGGACTC 1170
 S I D L P H I P T Q F D G R S D Y E A F I L N G I P S G G L

 TTCACGGGGCGCGGATCATGTCCGAAGAGAACGCAAGCCGCTGGGGAGGTCAAGCCGGTGGCTACGACGCCCAACTACCCACGCC 1260
 F T G A E G I M S E E N A S R W G G Q A G V A Y D A N Y H A

 GCGGGAGACAACATGACCAACCTCAACCATGAAGCCTTCCTGATCAACTCCAAAGCCACCGCCTTCGCCGTGCGCCACCTACGCCAACGAC 1350
 A G D N M T N L N H E A F L I N S K A T A F A V A T Y A N D

 CTCTCTCGATCCCCAAACGGAATACCACATCCTCTTGACCGACGAGCCCGCACCATTGCGACCATTCGGCAAGAGAGCTCCGAAGACA 1440
 L S S I P K R N T T S S L H R R A R T M R P F G K R A P K T

 CACGCTCACGTATCAGGATCCGGATGCTGGCATTTCTCAAGTCGAGGCATAG 1491
 H A H V S G S G C W H S Q V E A

FIG.1B

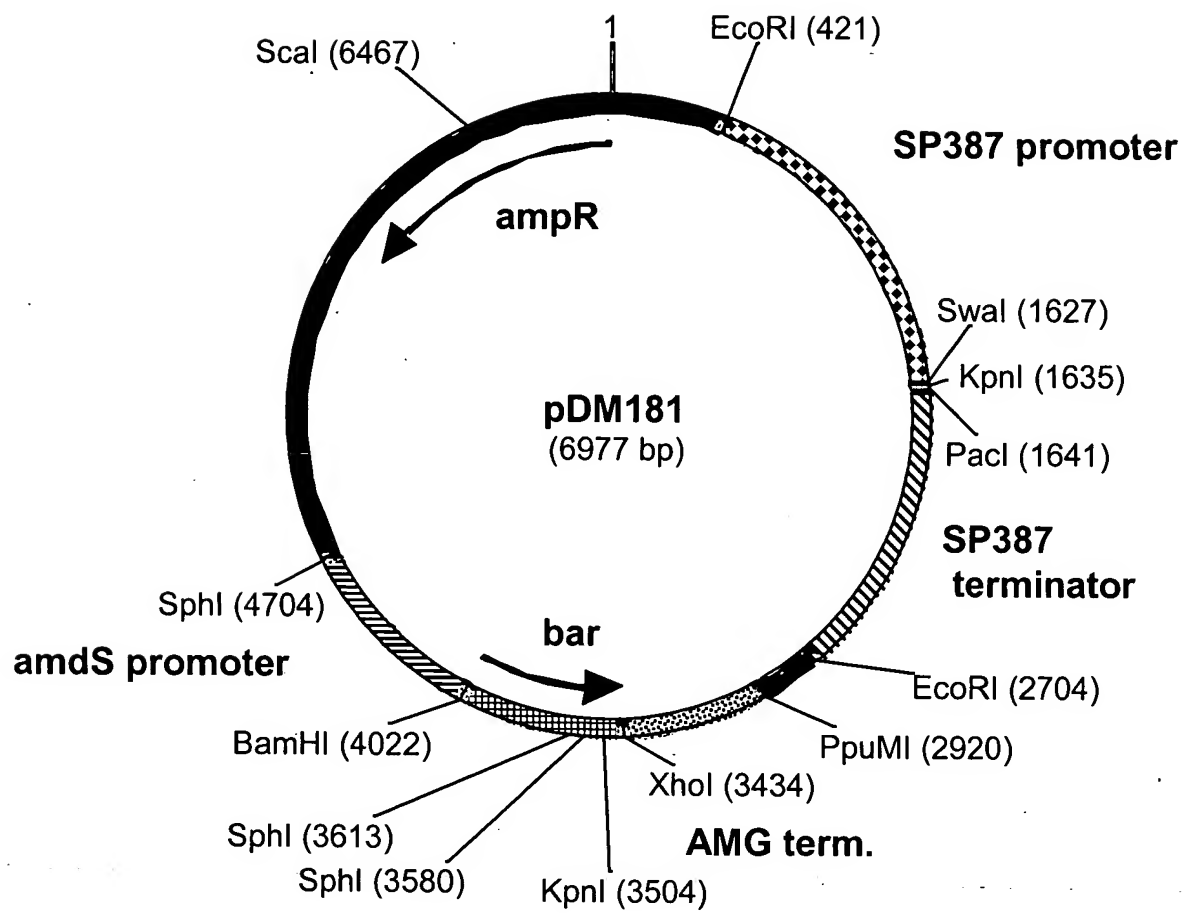


Fig. 2

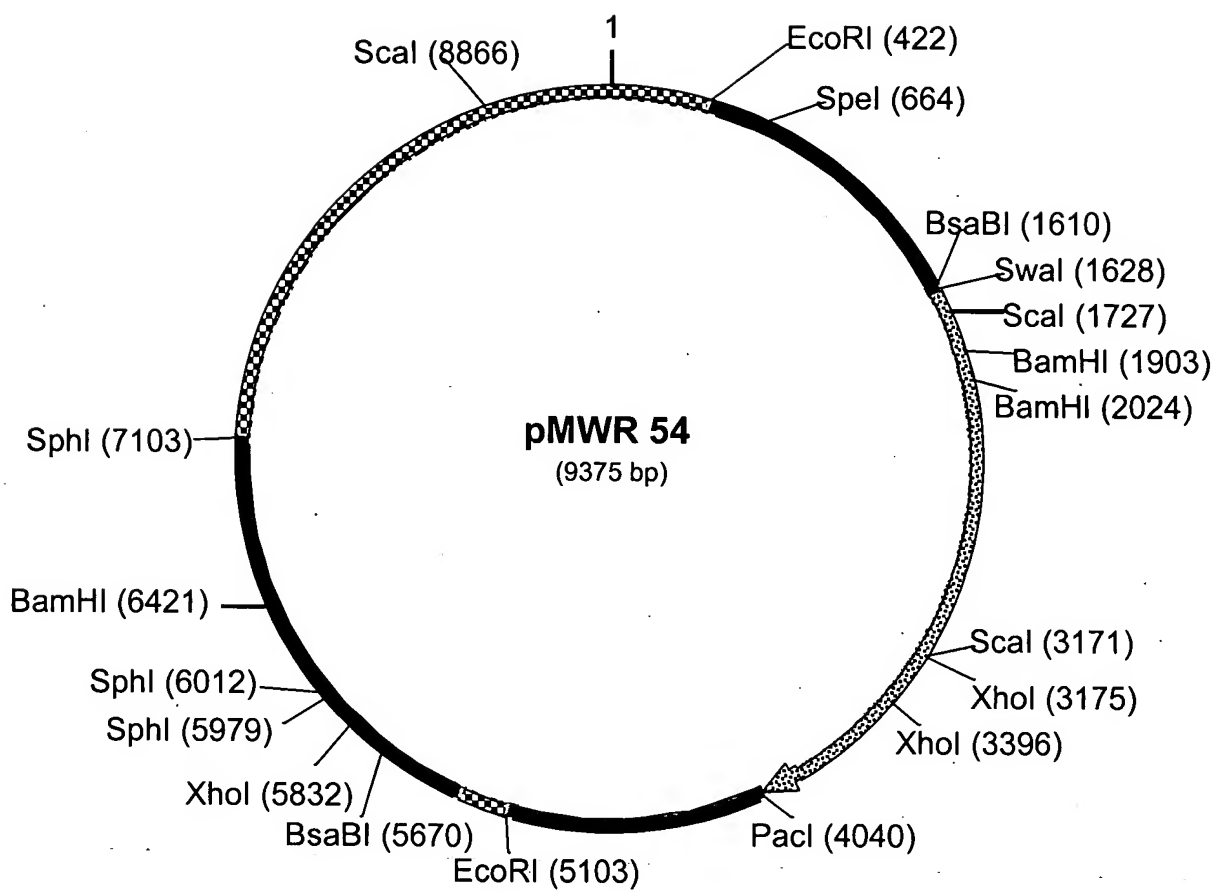


Fig. 3